Samsung UD-C Series Commercial LED LCD Displays

Thinner bezels. Larger impact.

Virtually seamless video walls with advanced technology.

Make sure all the attention is on your video wall, and not on the space in between. The Samsung UD-C Series 46" and 55" displays feature a bezel-to-bezel width of just 5.5mm, to deliver impressive, high-resolution video walls that are virtually seamless. Direct-lit LED technology delivers a rich, bright, 1920 x 1080 Full HD picture that commands attention, while being cost-efficient, as well as conserving energy. Advanced Color Calibration provides factory-calibrated the color for precisely tuned Brightness, Color Temperature and Gamma. Deliver maximum impact with these premiere video wall displays. With the Samsung UD-C Series commercial displays. Business. Innovated.

Advanced Color Calibration

UD-C Series displays are factory tuned for Brightness, Color Temperature and Gamma. They deliver optimal uniformity and impressive images right out of the box.

Advanced Color Management

Fine-tune images through Samsung's new Advanced Color Management solution. A user-friendly interface makes detailed color adjustments simple (UD46C, UD55C models only).

DisplayPort 1.2

The DisplayPort 1.2 digital loop out feature allows you to easily share content across video walls up to 10x10; including the ability to fully support Ultra High Definition resolution on 2x2 video walls. It is an easy and cost-effective way to connect multiple displays.

Sharp, Bright, Impactful

Full HD 1920 x 1080 resolution and brightness levels of 700 nits (450 nits on UD46C-B) ensure a clear, vibrant video wall that's easy to look at and hard to ignore.

Direct-Lit LED

Direct-lit LED technology with a new backlight dimming solution allows the UD-C Series display to achieve deeper blacks, higher contrast ratio of 3500:1, and power savings of up to 30%.

Ultra-Slim Bezels, Virtually Seamless Video Walls

The minimized bezel gap of just 5.5mm is crucial to the virtually seamless video wall experience that the UD-C Series delivers. It's ideal for control rooms, the medical sector, conference rooms, broadcasting stations, transportation hubs, lobbies and retail.

SAMSUNG

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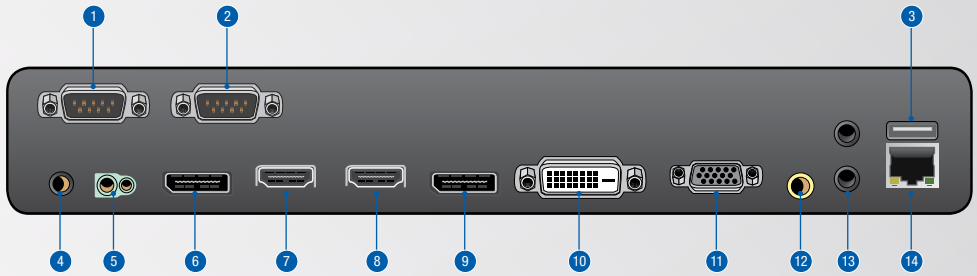
KEY SPECIFICATIONS For complete product specifications, visit samsung.com/prodisplay

	Model Number	UD46C	UD55C	UD46C-B
Display	Screen Size	46" Direct-lit LED Backlit LCD	55" Direct-lit LED Backlit LCD	46" Direct-lit LED Backlit LCD
	Panel Technology	S-PVA (60Hz)	S-PVA (60Hz)	S-PVA (60Hz)
	Resolution	1920 x 1080 Full HD	1920 x 1080 Full HD	1920 x 1080 Full HD
	Brightness	700 nit	700 nit	450 nit
	Contrast Ratio (Typical)	3500:1	3500:1	3500:1
	Viewing Angle (Horizontal / Vertical)	178°/178°	178°/178°	178°/178°
	Orientation	Landscape/Portrait	Landscape/Portrait	Landscape/Portrait
	Response Time	8ms	8ms	6.5ms
Connectivity	Input	VGA (D-sub 15 pin), DVI-D, DisplayPort 1.2, Composite, HDMI (x2), Component, Stereo Mini Jack	VGA (D-sub 15 pin), DVI-D, DisplayPort 1.2, Composite, HDMI (x2), Component, Stereo Mini Jack	VGA (D-sub 15 pin), DVI-D, Composite, HDMI (x2), Component, Stereo Mini Jack
	Output	DisplayPort 1.2, Stereo Mini Jack	DisplayPort 1.2, Stereo Mini Jack	DVI-D (Loop out), Stereo Mini Jack
	External Control	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (in/out), RJ45
	Response Time	Detachable Type (IR, Ambient)	Detachable Type (IR, Ambient)	Detachable Type (IR, Ambient)
Power	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption (Typical/Max)	120W / 165W	160W / 220W	113W / 130W
	Power Consumption (Standby)	< 0.5W	< 0.5W	< 0.5W
Environmental Conditions	Operating Temperature	0°C - 40°C	0°C - 40°C	0°C - 40°C
	Operating Humidity	10%~80%	10%~80%	10%~80%
Features	Special	Advanced Color Management, Magic Clone, Auto Source Switching & Recovery, Lamp Error Detection, Anti Retention (Haze 44%), Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Video Wall (10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (Supporting 2x2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Clock Battery (80 hrs. Clock Keeping), Built In MagicInfo (Lite, Premium-S, Videowall-S)	Advanced Color Management, Magic Clone, Auto Source Switching & Recovery, Lamp Error Detection, Anti Retention (Haze 44%), Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Video Wall (10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (Supporting 2x2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Clock Battery (80 hrs. Clock Keeping), Built In MagicInfo (Lite, Premium-S, Videowall-S)	Auto Source Switchinig & Recovery, Lamp Error Detection, Anti Retention (Haze 11%), Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Video Wall (10 x 10), Pivot Display, Button Lock, DVI Digital Daisy Chain, Smart Scheduling, Smart F/W update, Clock Battery (80 hrs. Clock Keeping)
	Tuner	N/A	N/A	N/A
	Internal Media Player	Cortex-A9 1GHz Dual Core, 1GB DDR3, 8GB FDM, USB (2)	Cortex-A9 1GHz Dual Core, 1GB DDR3, 8GB FDM, USB (2)	N/A
	VESA Standard Wall Mount Interface	600 x 400mm	600 x 400mm	600 x 400mm
Dimensions	Product Dimensions (without stand)	40.3" x 22" x 3.8"	47.8" x 27" x 3.8"	40.3" x 22.8" x 3.8"
	Packaging Dimensions	45.7" x 27.8" x 11.6"	53.3" x 32.3" x 12.2"	45.7" x 27.8" x 11.6"
	Bezel Width	3.7mm (U/L), 1.8mm (R/B)	3.7mm (U/L), 1.8mm (R/B)	3.4mm (U/L), 2.0mm (R/B)
Weight	Product Weight	39.6 lbs.	52.8 lbs.	40.8 lbs.
	Shipping Weight	55 lbs.	72.6 lbs.	68.6 lbs.
Service	Standard Warranty	3 Years On-Site (Parts / Labor / Backlight)	3 Years On-Site (Parts / Labor / Backlight)	3 Years On-Site (Parts / Labor / Backlight)
Accessories	Included	Quick Setup Guide, Warranty Card, Application CD, D-sub Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Application CD, D-sub Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Application CD, D-sub Cable, Power Cord, Remote Controller, Batteries
	Optional Mount	WMN-4675MD	WMN-4675MD	WMN-4675MD
	Optional Stand	MID-UD46FS	MID-UD46FS	MID-UD46FS
	Optional Media Player	SBB-C, SBB-CD7, SBB-CQ7	SBB-C, SBB-CD7, SBB-CQ7	SBB-C, SBB-CD7, SBB-CQ7
Green Management	Emission Standard	EMC	EMC	EMC
	ENERGY STAR® 5.0 Compliant	Yes	Yes	Yes
	RoHS Compliant	Yes	Yes	Yes
	Packaging Recyclability	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable

CONNECTIVITY

1. RS232C Out
2. RS232C In
3. USB
4. IR Out
5. Control In
6. DisplayPort In
7. HDMI In 1
8. HDMI In 2
9. DisplayPort Out
10. DVI In
11. RGB In
12. AV/Comp
13. Audio In/Out
14. RJ45 In



For complete product information and accessories, visit samsung.com/prodisplay or samsung.com/business

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Samsung Electronics has been named 2012 ENERGY STAR Partner of the Year in the product manufacturing category by the U.S. Environmental Protection Agency (EPA).

Product Support: 1-800-SAMSUNG
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